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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVII, No. 5 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — May, 1969

Production of crude oil and condensate from the oil and gas areas of Montana for the month of May, 1969, averaged 122,451 barrels daily, an increase of 3,289 barrels from the average April production of 119,162.

The nine refineries in the state processed 88,859 barrels of crude oil daily for the month of May, 1969, a decrease of 18,023 barrels from the 106,882 barrels processed daily during the month of April, 1969.

During May, 49 wells were completed, 16 oil, 3 gas and 30 dry holes.

During May the commission issued 86 permits to drill new wells, a decrease of 29 from the 57 permits issued during April.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF MAY, 1969

IN STORAGE MAY 1st	
By Producers	418,887
By Transporters	1,458,525
By Refiners	1,152,527
TOTAL STORAGE	3,029,939
Produced in Montana During Month	3,795,975
Imported During Month	1,899,586
TOTALS	8,725,500
DISPOSITION:	
Refined in Montana	2,754,622
Exported	2,787,917
Used for Fuel or Lost	13,764
TOTAL	5,556,303
IN STORAGE MAY 31st	
By Producers	386,897
By Transporters	1,596,291
By Refiners	1,186,009
TOTAL STORAGE	3,169,197

NATURAL GAS WITHDRAWALS IN MONTANA

Month of May, 1969

Field	M. Cu. Ft.
Bears Den	0
Bell Creek	823,643
Big Coulee	59,995
Blackjack	31,041
Bowdoin	81,531
Bowes	38,782
Cabin Creek	113,101
Cedar Creek	68,040
Cut Bank (Including Reagan)	595,630
Devon	0
Dry Creek	295
Elk Basin	57,108
Flat Coulee	8,781
Gold Butte	8,580
Golden Dome	0
Grandview	48,045
Hardin	3,372
Keith Block	223,012
Kevin Sunburst	46,885
Lake Basin	102,960
Middle Butte	3,116
Mt. Lilly	44,150
Pine	58,273
Plevna	2,627
Squaw Coulee	35,810
Utopia	85,613
Whitlash	86,517
Miscellaneous	244,111
TOTAL	2,871,018

Total withdrawals for May, 1968 were 2,262,928.

PRODUCERS REPORT—MONTH OF MAY, 1969

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	649	2,274	—	2,615	—	308
—	Bannatyne	—	704	—	—	—	—	704
—	Bascom	—	463	—	—	—	—	463
1	Bear's Den	4	1,559	996	—	1,416	—	1,139
84	Bell Creek	364	82,231	1,124,929	1,137,633	—	3,557	65,970
1	Benrud	1	257	221	—	—	—	478
2	Benrud East	2	2,393	15,972	17,443	—	—	922
1	Benrud Northeast	1	1,448	4,582	5.031	—	—	999
1	Berthelote	1	689	250	250	—	—	689
6	Big Wall	19	1,638	15,714	15,740	—	—	1,612
5	Blackfoot	6	1,753	2,939	873	2,059	—	1,760
4	Border	4	—	1,386	—	1,386	—	—
1	Bowes	60	5,841	14,965	16,431	—	—	4,375
1	Bradley	1	613	709	822	—	—	500
2	Brady	2	675	368	368	—	—	675
4	Brorson-Madison	5	1,083	5,587	5,641	—	—	1,029
5	Brorson-Red River	5	1,101	39,421	—	39,317	—	1,205
2	Brorson-Red River South	2	2,863	33,072	—	31,988	338	3,609
2	Cabin Creek	99	—	301,018	301,018	—	—	—
11	Cat Creek	63	2,490	13,767	12,461	595	—	3,201
1	Clark's Fork	1	121	126	—	155	—	92
2	Conrad South	2	662	1,092	1,092	—	—	662
1	Cupton	1	2,036	1,650	—	2,055	—	1,631
131	Cut Bank	882	69,202	428,187	428,011	1,375	579	67,424
2	Deer Creek	3	678	2,733	2,297	—	—	1,114
1	Delphia	1	381	278	—	382	—	277
—	Devil's Basin	—	671	—	—	—	—	671
1	Dwyer	13	4,093	18,449	19,036	—	—	3,506
4	Elk Basin	55	2,266	211,738	211,673	—	—	2,331
5	Elk Basin Northwest	14	8,535	9,645	9,423	—	—	8,757
8	Fairview	9	8,443	58,230	58,434	—	—	8,239
2	Fertile Prairie	2	361	1,373	1,000	—	—	734
9	Flat Coulee	28	6,903	13,334	15,024	—	—	5,213
36	Flat Lake	56	6,596	67,038	67,769	—	—	5,865
2	Flat Lake South	2	822	1,022	988	—	—	856
2	Frannie	2	—	886	886	—	—	—
20	Fred & George Creek	42	3,606	57,277	56,928	—	—	3,955
1	Gage	1	422	—	—	202	—	220
1	Gage Southwest	1	—	372	—	327	—	45
4	Gas City	23	7,719	34,532	32,341	—	—	9,910
11	Glendive	14	2,519	32,697	27,828	4,986	—	2,402
25	Goose Lake	33	4,351	49,109	50,763	—	—	2,697
9	Graben Coulee	23	4,246	6,442	5,834	1,421	—	3,433
—	Grandview	—	528	—	—	—	—	528
—	Gypsy Basin	—	924	—	—	—	—	924
8	Hiawatha	8	4,304	15,940	16,090	—	—	4,154
1	Hibbard	1	285	172	—	207	—	250
1	Injun Creek	1	1,557	—	—	—	—	1,557
4	Ivanhoe	10	1,799	8,319	7,840	—	—	2,278
8	Keg Coulee	24	5,538	11,148	12,326	—	—	4,360
2	Keg Coulee North	2	750	904	918	—	—	736
5	Kelley	5	1,042	9,755	10,112	—	—	685
91	Kevin Sunburst	406	14,226	27,733	15,166	11,754	30	15,009
8	Laird Creek	11	700	10,335	—	10,698	—	337
1	Little Beaver	29	—	30,699	30,699	—	—	—
2	Little Beaver East*	14	2,815	16,861	18,128	—	—	1,548
3	Lodge Grass	3	1,441	2,311	—	2,356	—	1,396
2	Lookout Butte (Coral Creek)	34	274	67,003	66,584	—	—	693
—	Mackay Dome	—	1,139	—	—	—	—	1,139
2	Mason Lake	2	564	1,156	1,027	—	—	693
3	Melstone	5	1,310	2,492	2,255	816	—	731
1	Mineral Bench	1	163	827	865	—	—	125
1	Miner's Coulee	2	107	1,221	—	1,221	—	107
10	Monarch	16	3,842	20,471	19,934	—	—	4,379
3	Mosser	3	—	620	—	620	—	—
7	Outlook	11	7,813	22,904	—	25,019	—	5,698
1	Outlook South	1	1,636	1,905	—	2,577	50	914
2	Outlook West	2	1,326	6,610	—	6,521	—	1,415
1	Pennel-Lookout Butte	148	11,579	162,983	163,285	—	—	11,277
4	Pine	120	17,166	303,106	302,916	—	—	17,356
1	Pole Creek	1	235	1,657	—	938	—	954
65	Pondera	278	9,384	28,312	30,404	—	—	7,292
4	Poplar	66	12,190	65,848	65,196	—	460	12,382
4	Poplar Northwest	4	2,083	1,729	2,114	—	—	1,698
1	Prairie Elk	1	333	686	—	—	—	1,019
4	Ragged Point	12	2,410	7,027	6,856	—	—	2,581
1	Rattlesnake Coulee	1	516	511	630	—	—	397
2	Reagan	45	507	22,913	22,972	—	—	448
1	Red Creek	25	—	23,008	23,008	—	—	—
1	Red Fox	1	445	6,788	6,761	—	—	472
2	Redstone	2	1,222	5,261	5,714	—	—	769
1	Repeat	1	232	1,321	—	8799	—	674
4	Reserve	4	193	16,472	—	16,472	—	193
—	Richey	—	774	—	—	—	—	774
1	Richey Southwest	6	1,177	4,973	4,915	—	—	1,235
2	Rush Mountain	2	844	4,613	—	5,146	—	311
6	Sand Creek	8	2,639	11,071	11,424	—	—	2,286
—	Shotgun Creek	—	516	—	—	—	—	516
1	Sidney	1	888	900	—	900	—	888
1	Snyder	1	482	1,800	—	1,800	—	482
8	Soap Creek	19	4,902	5,506	—	5.836	—	4,572
1	Spring Lake	2	1,765	2,218	—	1,669	—	2,314
1	Stensvad	7	3,048	17,243	17,723	—	—	2,568
25	Sumatra	89	11,305	64,121	64,055	—	—	11,371
5	Tule Creek	6	3,148	36,880	—	37,803	—	2,225
2	Tule Creek East	2	829	15,797	—	15,909	—	717
2	Tule Creek South	3	1,300	7,059	—	6,544	47	1,768
2	Vida	2	332	1,604	1,309	—	—	627
4	Volt	5	3,006	14,374	14,860	—	—	2,520
2	Weed Creek	3	913	5,717	5,728	—	17	885
5	Weldon	12	1,568	44,756	45,278	—	—	1,046
1	West Butte	1	—	4,857	—	4,857	—	—
18	Whitlash	44	10,250	15,310	18,654	—	—	6,906
2	Whitlash West	2	499	487	614	—	—	372
3	Wills Creek South	3	166	4,056	3,872	—	—	350
6	Wolf Springs	8	3,359	5,939	5,144	—	—	4,154
3	Woodrow	3	176	2,679	2,549	—	—	306
1	Wildcat, Blaine Cty	1	453	559	523	—	—	489
—	Wildcat, Carbon Cty	—	723	—	—	—	—	723
2	Wildcat, Glacier Cty	5	1,664	1,592	1,797	—	13	1,446
1	Wildcat, Liberty Cty	1	—	249	—	—	—	249
1	Wildcat, McCone Cty	1	—	2,300	1,770	—	—	530
1	Wildcat, Powder River Cty	1	1,424	469	—	818	—	1,075
4	Wildcat, Richland Cty	*4	749	23,916	—	22,644	—	2,021
3	Wildcat, Roosevelt Cty	3	1,597	11,174	—	10,894	—	1,877
1	Wildcat, Sheridan Cty	1	1,216	548	824	—	—	940
1	Wildcat, Stillwater Cty	1	1,119	40	—	—	—	1,159
1	Wildcat, Toole Cty	1	—	820	820	—	—	—
1	Wildcat, Wibaux Cty	1	395	960	—	1,000	—	355
794	Total	3,398	418,887	3,795,975	3,536,697	286,177	5,091	386,897

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls Shipped	Daily Average
Year, 1968	48,460,579	132,406	48,370,779	132,161
First Quarter, 1969	11,151,766	123,908	11,176,241	124,180
April, 1969	3,574,862	119,162	3,564,144	118,805
May, 1969	3,795,975	122,451	3,822,874	123,318

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage‡	Total oil In Storage‡
December, 1968	448,662	1,346,295	813,963	2,608,920
March, 1969	411,717	1,346,785	981,174	2,739,676
April, 1969	418.887	1,458,525	1,152,527	3,029,939
May, 1969	386,897	1,596,291	1,186,009	3,169,197

*Montana Oil Only
‡Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF MAY, 1969

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,615				2,615		
BEAR'S DEN—Truck			1,416					1,416	
BELL CREEK—Pipelines		1,137,633					485,800	651,833	
BIG WALL— Continental Pipeline Co.		15,740				15,740			
BLACKFOOT— Camerland Cardinal Corp.			2,059					2,059	
BORDER—Truck			1,386				1,386		
BOWES—Texaco Inc.		16,431				16,431			
BRORSON-MADISON—Pipelines		5,641						5,641	
BRORSON-RED RIVER Rock Island Oil & Ref. Co.			39,317				39,317		
BRORSON-RED RIVER SOUTH— Rock Island Oil & Ref. Co.			31,988				31,988		
CABIN CREEK & OTHERS* Butte Pipeline Co.	292,171	825,680	9,474	1,392,605			2,179,545		340,385
Shell Pipeline Co.	3,098	260,377			1,069			257,381	5,025
	295,269	1,086,057	9,474	1,392,605	1,069		2,179,545	257,381	345,410
CAT CREEK— Continental Pipeline Co.		12,461				12,461			
Truck			595			595			
		12,461	595			13,056			
CLARK'S FORK—Truck			155				155		
CUT BANK— Continental Pipeline Co.			30,772	289,970				320,742	
Phillips Petroleum Co.	105,215	62,510		30,112	976	89,887			106,974
Texas Pipeline Co.	42,658	104,003		49,401	414			146,503	49,145
Union Oil Co.	147,732	86,135		24,818	560	115,720			142,405
Western Oil Trans. Co.		44,045						44,045	
Western Oil Trans. (Moulton)		64,819						64,819	
	295,605	361,512	30,772	394,301	1,950	205,607		576,109	298,524
DELPHIA—Truck			382			382			
DWYER—Portal Pipeline Co.		18,740					18,740		
ELK BASIN & ELK BASIN NORTHWEST— Marathon Pipeline Co.		219,981				219,981			
FAIRVIEW—Fairview Pipeline Co.		58,434					58,434		
FLAT COULEE— Camerland Cardinal Corp.		12,768				10,000		2,768	
FLAT LAKE & FLAT LAKE SOUTH— Portal Pipeline Co.		62,237					62,237		
FRANNIE—Interstate Pipeline Co.		886					886		
FRED & GEORGE CREEK— Camerland Cardinal Corp.	23,942	61,056				38,267		24,618	22,113
GAGE & GAGE SOUTHWEST— Truck			529			529			
GLENDIVE, DEER CREEK WOODROW & SAND CREEK— Texas Pipeline Co.	8,561	34,832			(442)			32,644	11,191
GOOSE LAKE— Portal Pipeline Co.		47,955					47,955		
HIAWATHA— Continental Pipeline Co.		16,090					16,090		
HIBBARD—Truck			207			207			
IVANHOE— Continental Pipeline Co.		8,262				8,262			
KEG COULEE & KEG COULEE NORTH— Continental Pipeline Co.		13,870				13,870			
KELLEY— Continental Pipeline Co.		10,112				10,112			
KEVIN SUNBURST— Big West Oil Co.	6,484	12,846				13,165			6,165
Homestake Oil & Gas Co.	1,842	2,256				1,453			2,645
Texas Pipeline Co.	18,207	11,041		6,012	80			28,026	7,154
	26,533	26,143		6,012	80	14,618		28,026	15,964
LODGE GRASS—Truck			2,356			2,356			
MASON LAKE— Continental Pipeline Co.		1,026				1,026			
MELSTONE— Truck			816					816	
Continental Pipeline Co.		2,255				2,255			
		2,255	816			2,255		816	
MOSSER—Truck			620				620		
OUTLOOK & OUTLOOK WEST— Rock Island Oil & Ref. Co.			34,117				34,117		
POLE CREEK—Truck			938				938		
PONDERA—Phillips Petr. Co.	54,256	32,618			1,116	36,296			49,462
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT— East Poplar Gathering System	8,480	137,466			(759)			126,196‡	20,509
RAGGED POINT— Continental Pipeline Co.		7,850				6,653	1,197		
RED CREEK— Western Oil Transportation Co.		26,888						26,888	
RESERVE—Truck			16,472				16,472		
RUSH MOUNTAIN— Sinclair Refining Co.			5,146				5,146		
SIDNEY—Truck			900					900	
SNYDER—Truck			1,800			1,800			
SOAP CREEK—Truck			5,836				5,836		
SPRING LAKE— Rock Island Oil & Ref. Co.			1,669				1,669		
SUMATRA & STENSVAD— Continental Pipeline Co.	740,469	80,142		1,114,786	(1,206)	57,289		1,054,552	824,762
TULE CREEK— Tesero Petr. Corp.	5,410		60,256			57,310			8,356
WEED CREEK— Continental Pipeline Co.		5,728				5,728			
WHITLASH & WHITLASH WEST— Camerland Cardinal Corp.		20,968				14,965		6,003	
WOLF SPRINGS— Continental Pipeline Co.		5,144				5,144			
WILDCAT WELLS—Truck			34,356				34,356		
TOTALS	1,458,525	3,546,926	286,177	2,907,704	1,808	757,884	3,045,499	2,797,850	1,596,291

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF MAY, 1969

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall		15,740								15,740
Bowes			27,981							27,981
Cat Creek		5,829		14,318		3,157				23,304
Cut Bank	73,847						82,300		111,880	268,027
Delphia						595				595
Elk Basin		85,802		60,307	73,872					219,981
Flat Coulee									10,000	10,000
Fred & George Creek	38,267									38,267
Gage & Gage S. W.						1,106				1,106
Hibbard						582				582
Ivanhoe		8,262								8,262
Keg Coulee		3,174		10,696						13,870
Kelley					10,112					10,112
Kevin Sunburst	14,618									14,618
Lodge Grass		2,356								2,356
Mason Lake		1,026								1,026
Melstone				2,255						2,255
Pondera							28,130			28,130
Ragged Point				6,653						6,653
Sand Creek						142				142
Snyder		1,800								1,800
Sumatra & Stensvad		23,838		24,020	9,431					57,289
Tule Creek								77,103		77,103
Weed Creek					5,728					5,728
Whitlash							14,965			14,965
Wolf Springs					5,144					5,144
Total Montana Oil	126,732	147,827	27,981	118,249	104,287	5,582	125,395	77,103	121,880	885,036
Canadian Oil Imported		298,491			518					299,009
Wyoming Oil Imported		752,637		534,668	313,272					1,600,577
Total Montana, Canadian, and Wyoming Oil	126,732	1,198,955	27,981	652,917	418,077	5,582	125,395	77,103	121,880	2,754,622

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1968	26,482	21,007	64,842	112,331
May, 1968	29,747	23,379	61,575	114,701
May, 1969	27,582	9,646	51,631	88,859

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
23.57%	18.70%	57.73%
25.93%	20.38%	53.69%
31.04%	10.85%	58.11%